

TITLE OF THE INVENTION

5 **ROLLER TURRET INCLUDING ROLLERS MOUNTED ON SUPPORT
PORTIONS OF ROLLER SHAFTS, WHICH ARE ECCENTRIC WITH
RESPECT TO STUD PORTIONS FIXED IN HOLES IN TURRET BODY, AND
METHOD OF MANUFACTURING THE ROLLER TURRET**

10 This is a Division of Application No. 09/895,405 filed
July 2, 2001, *now U.S. Patent No. 6,622,360* which in turn is a Division of Application No.
09/399,724 filed September 20, 1999 now U. S. Patent No.
6,279,219 issued August 28, 2001. The entire disclosures of
the prior applications are hereby incorporated by reference
herein in their entireties.

15 This application is based on Japanese Patent
Application No. 10-269263 filed September 24, 1998, the
content of which is incorporated hereinto by reference.

BACKGROUND OF THE INVENTION

Field of the Invention

20 The present invention relates in general to a roller
turret, a method of manufacturing the roller turret, a
roller turret cam index device, and a roller turret type
rotary motion transmitting device, and more particularly to
techniques for improvement of accuracy of pitch of rollers
used in the roller turret.

Discussion of the Related Art

25 Generally, a roller turret includes a turret body
rotatable about an axis thereof, a plurality of roller
shafts provided on the turret body, and a plurality of
rollers rotatably supported by the respective roller shafts.
30 Each of the roller shaft includes a stud portion fitted in a
mounting hole formed in the turret body, and a roller
support portion which is concentric or coaxial with the stud
portion and which supports the roller rotatably. The roller
support portion of the roller shaft is disposed outside the